a second rotational joint member having a second axis of rotation and being rotatably connected to said first rotational joint member so that said first axis of rotation and said second axis of rotation are collinear and said first and second joint members rotate relative to one another about their axes of rotation;

a third rotational joint member having a third axis of rotation and being connected to said second rotational joint member so that said third axis of rotation intersects said second axis of rotation and is substantially perpendicular thereto;

a fourth rotational joint member having a fourth axis of rotation and being rotatably connected to said third rotational joint member so that said fourth axis of rotation and said third axis of rotation are collinear, and said fourth and third joint members rotate relative to one another about their axes of rotation;

a fifth rotational joint member having a fifth axis of rotation and being connected to said fourth rotational joint member so that said fifth axis of rotation intersects said fourth axis of rotation and is substantially perpendicular thereto; and

a sixth rotational joint member being adapted to be connected to the second part of the computer, having a sixth axis of rotation and being rotatably connected to said fifth rotational joint member so that said sixth axis of rotation and said fifth axis of rotation are collinear and said sixth and fifth joint members rotate relative to one another about their axes of rotation and that the second part of the computer and the first part of the computer can be rotated with respect to one another about three distinct axes.

23. The interconnection assembly of claim **22**, wherein said interconnection assembly includes a self-releasing connector for releasably connecting the interconnection assembly to one of the first or second parts of the computer.

24. The interconnecting assembly of claim **22**, wherein said first rotational joint member includes a plurality of first electrical contacts and said second rotational joint member includes a plurality of second electrical contacts corresponding to and in contact with respective first electrical contacts regardless of the relative rotational position of said first rotational joint member and said second rotational joint member, said first plurality of electrical contacts being disposed around the periphery of said first rotational joint member and said second plurality of electrical contacts being disposed on the inside of a cylindrical sleeve extending from said second rotational joint member over said first rotational joint member, so that the first part of the computer and the second part of the computer can be rotated with respect to one another while maintaining electrical communication therebetween through said interconnection assembly.

25. An interconnection assembly for a portable electronic computer, the computer having a first part and a second part, comprising:

a first rotational joint member having a first axis of rotation and being adapted to be connected to the first part of the computer;

a second rotational joint member having a second axis of rotation and being rotatably connected to said first rotational joint member so that said first axis of rotation and said second axis of rotation are collinear and said first and second joint members rotate relative to one another about their axes of rotation;

a third rotational joint member having a third axis of rotation and being connected to said second rotational joint member so that said third axis of rotation intersects said second axis of rotation and is substantially perpendicular thereto; and

a fourth rotational joint member being adapted to be connected to the second part of the computer, having a fourth axis of rotation and being rotatably connected to said third rotational joint member so that said fourth axis of rotation and said third axis of rotation are collinear, at least one of said first and second and one of said third and fourth rotational joint members being elongate, and said fourth and third joint members rotate relative to one another about their axes of rotation, so that the second part of the computer and the first part of the computer can be rotated with respect to one another about two distinct axes.

26. The interconnection assembly of claim **25**, wherein said interconnection assembly includes a self-releasing connector for releasably connecting the interconnection assembly to one of the first or second parts of the computer.

27. The interconnecting assembly of claim **25**, wherein said first rotational joint member includes a plurality of first electrical contacts and said second rotational joint member includes a plurality of second electrical contacts corresponding to and in contact with respective first electrical contacts regardless of the relative rotational position of said first rotational joint member and said second rotational joint member, said first plurality of electrical contacts being disposed around the periphery of said first rotational joint member and said second plurality of electrical contacts being disposed on the inside of a cylindrical sleeve extending from said second rotational joint member over said first rotational joint member, so that the first part of the computer and the second part of the computer can be rotated with respect to one another while maintaining electrical communication therebetween through said interconnection assembly.

28. An electro-rotational connector, having one or more inputs and one or more outputs, comprising:

at least one pair of conducting washers aligned next to one another along a longitudinal axis, one of said conducting washers being in electrical connection with one of the inputs and the other of said conducting washers being in electrical connection with one of the outputs, each of said conducting washers of said pair being adapted to rotate relative to the other of said conducting washers, and each of said conducting washers having a conducting face; and

said conducting faces being disposed flat against and in electrical contact with each other regardless of the rotation of the conducting washers relative to each other, so that an electrical signal present on one of said conducting faces is communicated to the other of said conducting faces in maintaining electrical connection between said input and said output regardless of the relative rotational positions of said washers.

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